

# Notice of Allowability

Application No.

10/644,245

Examiner

Dawn Garrett

Applicant(s)

HATWAR ET AL.

Art Unit

1774

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application filed 8-20-2003.
2. ☒ The allowed claim(s) is/are 1-46.
3. ☒ The drawings filed on 20 August 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 8-20-2003
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment, which updates the status of applications referenced in the specification and adds a serial number for a continuation of a related application, was given by Ray Owens on November 15, 2004.

3. The application has been amended as follows:

On page 1 of the specification, line 4, after "09/651,624 filed August 30, 2000" the words - - , now U.S. Patent No. 6,696,177, - - were inserted.

On page 1 of the specification, line 6, after "09/930,050 filed August 15, 2001" the words - - , now U.S. Patent No. 6,627,333, - - were inserted.

On page 1 of the specification, line 8, "filed July, 2002" was deleted and - - filed July 8, 2002, now U.S. Patent No. 6,720,092, - - was inserted in its place.

On page 1 of the specification, line 9, after "10/183,242 filed June 27, 2002" the words - - , now U.S. Patent No. 6,661,023, - - were inserted.

On page 1 of the specification, line 11, after "10/086,067 filed February 28, 2002" the words - - , now U.S. Patent No. 6,824,893, - - were inserted.

On page 1 of the specification, line 12, immediately before "10/184,356", the following was inserted - - 10/889,931 filed July 13, 2004 is a continuation of - - .

On page 1 of the specification, line 12, after "10/184,356 filed June 27, 2002" the words - - , now abandoned, - - were inserted.

On page 18 of the specification, line numbered 7, after "10/183,242 filed June 27, 2002" the words - - , now U.S. Patent No. 6,661,023, - - were inserted.

On page 34, of the specification, line 5, after "10/184,356 filed June 27, 2002" the words - - , now abandoned, - - were inserted.

On page 35 of the specification, line 13, after "10/183,242" the words - - , now U.S. Patent No. 6,661,023, - - were inserted.

### REASONS FOR ALLOWANCE

4. The following is an examiner's statement of reasons for allowance:

The closest prior art is considered to be Hieda et al. (US 2003/0170496). Hieda et al. teach in par. 98 a device comprising a blue doped light emitting layer and a hole transporting layer doped with yellow emitting rubrene. Hieda et al., either alone or in combination with other art, fail to suggest a blue light emitting layer in combination with a hole transporting layer doped with both a yellow dopant and a red dopant in an organic electroluminescent device.

Accordingly, claims 1-46 are allowed.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dawn Garrett whose telephone number is (571)272-1523. The examiner can normally be reached Monday through Friday.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rena Dye can be reached at (571) 272-3186. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
**Dawn Garrett**  
**Primary Examiner**  
**Art Unit 1774**

D.G.  
November 12, 2004